

Technical Information

Fusion - GLDSS 43"H Refrigerated Self-Service Case

Structural Concepts®

DELIVERING FRESH. ALWAYS.™

DIMENSIONS / SHIPPING

Model	L"	L1"	L2"	Est Wt (lbs)
GLDSS443R	48.750	50.750	3.500	700
GLDSS543R	60.625	62.625	3.500	800
GLDSS643R	73.125	75.125	3.500	900
GLDSS843R	97.500	99.500	3.500	1,500
GLDSS1043R	121.125	123.125	40.500	1,700
GLDSS1243R	146.250	148.250	45.250	1,700

ELECTRICAL

Model	System Circuit Volts			Ph	Frq	Rated Load Amps	Min Cir Amps	Max OCP Amps	Watts	Wires	NEMA Plug	Amps Lights	Amps Fans	Amps Anti-Sweats	Amps Misc/Refrig/Heat
GLDSS443R	Remote (DX)	Circuit #1	110-120	1	60	0.48	15	15	36	2+G	Leads Multiple		0.30	0.18	N/A
	Remote (GLYCOL)	Circuit #1	110-120	1	60	0.48	15	15	36	2+G	Leads Multiple		0.30	0.18	N/A
GLDSS543R	Remote (DX)	Circuit #1	110-120	1	60	1.07	15	15	85	2+G	Leads Multiple		0.60	0.47	N/A
	Remote (GLYCOL)	Circuit #1	110-120	1	60	1.14	15	15	93	2+G	Leads Single		0.60	0.54	N/A
GLDSS843R	Remote (DX)	Circuit #1	110-120	1	60	0.97	15	15	72	2+G	Leads Multiple		0.60	0.37	N/A
	Remote (GLYCOL)	Circuit #1	110-120	1	60	1.67	15	15	113	2+G	Leads Multiple		1.20	0.47	N/A
GLDSS1043R	Remote (DX)	Circuit #1	110-120	1	60	1.67	15	15	113	2+G	Leads Multiple		1.20	0.47	N/A
	Remote (GLYCOL)	Circuit #1	110-120	1	60	1.67	15	15	113	2+G	Leads Multiple		1.20	0.47	N/A
GLDSS1243R	Remote (DX)	Circuit #1	110-120	1	60	1.45	15	15	108	2+G	Leads Multiple		0.90	0.55	N/A
	Remote (GLYCOL)	Circuit #1	110-120	1	60	1.45	15	15	108	2+G	Leads Multiple		0.90	0.55	N/A

REFRIGERATION

Model	Zone	Section	System	Env't	REMOTE REFRIGERATION					GLYCOL / R744 REFRIGERATION			
					SST (°F)	Conv. Rack BTUH	Para. Rack BTUH	Defrost Interval (Hrs)	Defrost Duration	Total GPM	Pressure Drop (psi)	Concent (%)	Liquid Temp (°F)
GLDSS443R	All	Main	Remote-DX	Type I	20	3,283	3,040	4.00	30.00	N/A	N/A	N/A	N/A
	All	Main	Remote-Glycol	Type I	N/A	3,283	3,040	4.00	45.00	1.50	7.40	35%	20.00
GLDSS543R	All	Main	Remote-DX	Type I	20	4,061	3,760	4.00	30.00	N/A	N/A	N/A	N/A
	All	Main	Remote-DX	Type I	20	4,838	4,480	4.00	30.00	N/A	N/A	N/A	N/A
GLDSS643R	All	Main	Remote-DX	Type I	20	4,838	4,480	4.00	30.00	N/A	N/A	N/A	N/A
	All	Main	Remote-Glycol	Type I	N/A	4,838	4,480	4.00	25.00	2.00	3.01	35%	20.00
GLDSS843R	All	Main	Remote-DX	Type I	20	6,480	6,000	4.00	30.00	N/A	N/A	N/A	N/A
GLDSS1043R	All	Main	Remote-DX	Type I	20	8,122	7,520	4.00	30.00	N/A	N/A	N/A	N/A
	All	Main	Remote-Glycol	Type I	N/A	8,122	7,520	4.00	30.00	2.50	3.50	35%	20.00
GLDSS1243R	All	Main	Remote-DX	Type I	24	9,613	8,901	4.00	30.00	N/A	N/A	N/A	N/A
	All	Main	Remote-Glycol	Type I	N/A	9,613	8,901	4.00	30.00	4.50	9.30	35%	20.00

INTENDED ENVIRONMENT

Type I - Designed to operate in ambient conditions of 75°F with 55% relative humidity unless noted otherwise under Env't above.

WARMEST AVERAGE PRODUCT TEMP & INTENDED USE OF ZONES

Zone	Temp (°F)	Intended Use
1	40	Packaged refrigerated products

IMPORTANT NOTES

- 1) ELECTRICAL NOTE: If GFCI is required, a GFCI breaker MUST be used in lieu of a GFCI receptacle.
- 2) 50" minimum door entry clearance required (without shipping skid).
- 3) Units must be shimmed during installation to ensure the unit is level and plumb.

REGULATORY

All Models	<p>Accordance with AHRI Std 1200</p> <p>ETL Listed to UL 471</p> <p>ETL Listed to CAN/CSA 22.2 No. 120</p> <p>ETL Sanitation to NSF/ANSI 7</p>
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In Accordance with
AHRI Std 1200

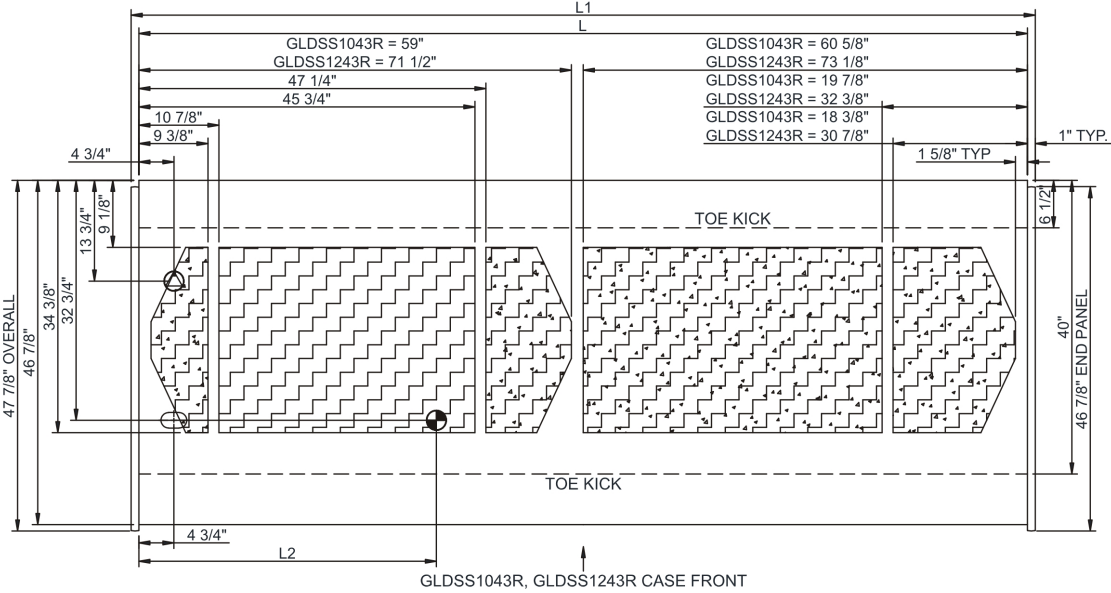
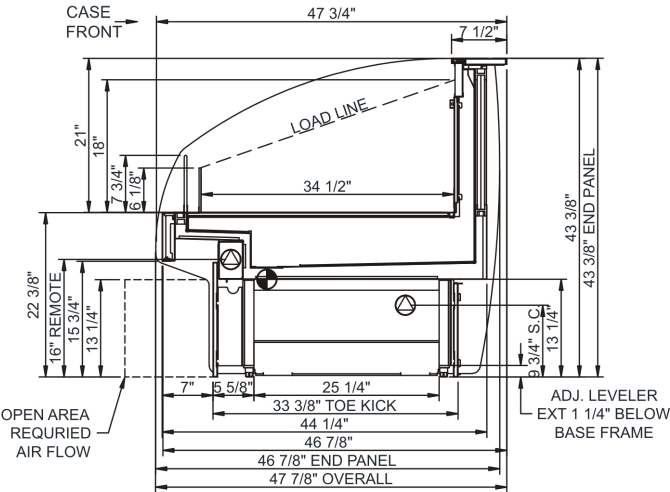
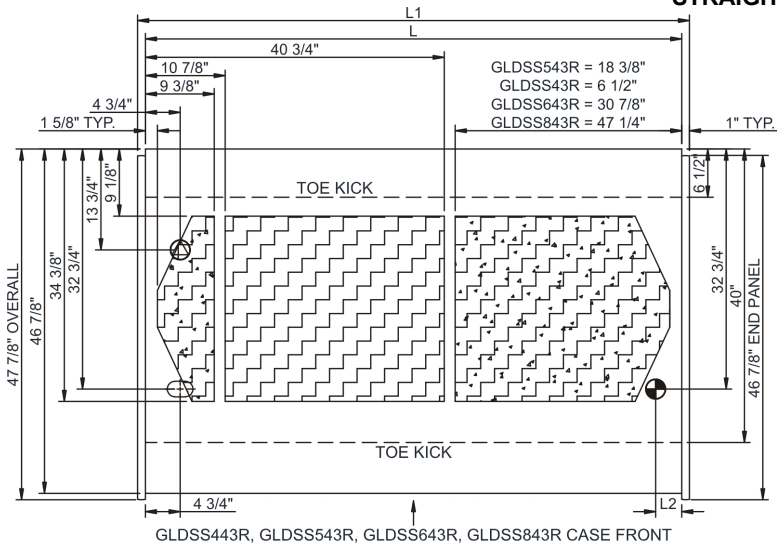
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STRAIGHT



NOTE: ALL DIMENSIONS APPROXIMATE

- ELECTRICAL JUNCTION BOX (SUPPLIED WITH 6" LEADS OR POWER CORD).
- REFRIGERATION LINE CONNECTION.
- SELF-CONTAINED CASE SERVICE ACCESS AREA.
- LOCATION OF DRAIN TUBE FOR REMOTE REF. ONLY (SUPPLIED WITH 3/4" OR 1 1/2" PVC TUBE).
- REMOTE FLOOR SINK & UTILITIES ACCESS AREA.
- DRY CASE SERVICE ACCESS AREA.